

XP 002 184 443

AF

- AN** - 1999-199015 [17]
- TI** - New azo compounds and azo metal chelate compounds - used in photo-recording medium including primary substrate, recording-, reflection- and protection layers
- AB** - JP11043481 Azo cpds. of formula (I) are new. In (I) R1=alkyl or phenyl; R2 - R4 = H, halogen, cyano or nitro; R5 = H, 1-5C alkyl or phenyl; R6 = H or alkyl. Also claimed are new azo metal chelate cpds. of formula (III). R10=alkyl or phenyl; R11 - R13 = H, halogen, cyano or nitro; R14 = H, 1-5 C alkyl or phenyl; M=transition metal; n=integer or 1-3. Also claimed is new photo-recording medium consisting of the primary substrate, a (III)-contg. recording layer, a reflection layer and a protection layer/the secondary substrate. The photo-recording medium has its recording wave length at 630-690 nm bands, and its recording layer consists of (III) and pigment having max. absorption wave length at 680-750 nm bands.
- USE - The present recording material can be applied to DVD-R disk system.
  - ADVANTAGE - Excelling in photo resistance and stability, and giving high density postscript-type photo recording medium which enables recording by the present system and playing back by the next-generation DVD-R disk system.
  - (Dwg.0/9)
- IW** - NEW AZO COMPOUND AZO METAL CHELATE COMPOUND PHOTO RECORD MEDIUM PRIMARY SUBSTRATE RECORD REFLECT PROTECT LAYER
- PN** - JP11043481 A 19990216 DW199917 C07D233/90 019pp
- IC** - B41M5/26 ;C07D233/90 ;C09B45/00 ;C09B67/22 ;G11B7/24
- MC** - E21-B01 E21-B03 E21-B04 E21-C13 E21-C15 G06-C06 G06-D07 G06-F05 L03-G04B
- T03-B01 W04-C01
- DC** - E12 E13 G05 L03 P75 T03 W04
- PA** - (RICO ) RICOH KK
- AP** - JP19970215981 19970725
- PR** - JP19970215981 19970725